

ABSTRACT OF THE DISCLOSURE

5 A solar cell includes a dopant diffusion layer formed on the side of
a light-receiving surface of a silicon wafer and a light-receiving surface
passivation film formed on the dopant diffusion layer. The light-receiving
surface passivation film has an opening portion. The solar cell further
includes a light-receiving surface electrode formed on the opening portion of
the light-receiving surface passivation film. The dopant diffusion layer
has a first region covered with the light-receiving surface passivation film
and a second region under the opening portion of the light-receiving surface
10 passivation film, and there is a difference between a dopant concentration
in the first region and a dopant concentration in the second region. Thus,
a solar cell suitable for manufacturing a mass-produced commercial solar
battery at low cost and high efficiency as well as a method of
manufacturing the same can be provided.